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| FORM PTO-1449 | Technology Center 2600 | SERIAL NO. 09/637,360 | CASE NO. 11934/3 (Formerly KO1-046) |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary) | | FILING DATE October 16, 2000 | GROUP ART UNIT 2655 |
| | | APPLICANT(S): Toshihiko Oba | |

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|----|--|------------|--------------|--------------------|----------------|
| DAN | B1 | 4,612,915 | 9/23/1986 | Hough et al. | | |
| DAN | B2 | 4,628,528 | 12/09/1986 | Bose et al. | 381/90 | 09/29/1982 |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES OR NO |
|---------------------|-----|--|----------|----------------------|--------------------|--------------------------|
| DAN | B3 | JP, H07-84592 | 3/31/95 | Japan | G10L 3/00 | Yes |
| DAN | B4 | JP, S63-249560 | 10/17/88 | Japan | G10L 3/00 | Yes |
| DAN | B5 | JP, H07-13582 | 1/17/95 | Japan | " | Yes |
| DAN | B6 | JP, S62-231981 | 10/12/87 | Japan | G09B 21/00 | No |
| DAN | B7 | JP, H07-191599 | 7/28/95 | Japan | | Yes |
| DAN | B8 | JP, H10-224520 | 8/21/98 | Japan | | Yes |
| DAN | B9 | JP, S61-213000 | 9/20/86 | Japan | | No |
| DAN | B10 | JP, H04-156033 | 5/28/92 | Japan | | No |
| DAN | B11 | JP, H05-83763 | 4/2/93 | Japan | | Yes |
| DAN | B12 | JP, H02-97200 | 4/9/90 | Japan | | No |
| DAN | B13 | JP, S51-55604 | 5/15/76 | Japan | | No |
| DAN | B14 | JP, S64-88875 | 4/3/89 | Japan | | No |
| DAN | B15 | JP, S63-288552 | 11/25/88 | Japan | | No |
| DAN | B16 | JP, H09-192164 | 7/29/97 | Japan | | Yes |
| DAN | B17 | JP, H05-181493 | 7/23/93 | Japan | | Yes |
| DAN | B18 | JP, H01-47800 | 10/16/89 | Japan WRONG ABSTRACT | | No |
| DAN | B19 | JP, H07-163614 | 6/27/95 | Japan | | No |

| EXAMINER INITIAL | OTHER ART - NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published. | |
|---------------------|---|---|
| DAN | B20 | Kodera, K., Illustrated Otolaryngology: New Approach 1, Medicalview, p. 39, 1996 |
| DAN | B21 | McGurk, H. et al., "Hearing Lips and Seeing Voices", Nature 264, pp. 746-748, 1976 |
| DAN | B22 | Kuhl P.K. et al., "Human Processing of Auditory Visual Information and Speech Perception", ICSLP 94 S 11.4, Yokohama, 1994. |
| DAN | B23 | Saito, H. et al., "Visual and Aural Perception" Ohmsha, pp. 119-20, 1999 |
| DAN | B24 | Yanagida, Masuao, "Aging of Speech Listening Ability", IEICE Technical Report SP96-36(1996-07), pp. 25-32, 1996 |

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|---------------------|---|--|
| DAN | B25 | Nagao, Katashi et al., "Speech Dialogue With Facial Displays: Multimodal Human-Computer Conversation", Proc. 32 nd annual meeting of the association for computational linguistics, pp. 102-109, Morgan Kaufmann Publishers, 1994 |
| DAN | B26 | Takeuchi, A. et al., "Communicative Facial Displays as a New Conversational Modality", Proc. ACM/IFIP conference on human factors in computing systems (INTERCHI 93), 187 193, ACM Press, 1993 |
| DAN | B27 | Nagao, Katashi, "A Preferential Constraint Satisfaction Technique for Natural Language Analysis", Proc. 10 th European conference on artificial intelligence, pp. 523-527, John Wiley & Sons, 1992 |
| DAN | B28 | Tanaka, H., "Natural Language Processing and its Applications", IEICE, pp. 330-335, Corona Publishing, 1999 |
| DAN | B29 | Nagao, K., "Abduction and Dynamic Preference in Plan-Based Dialogue Understanding", Proc. 13 th int. joint conference on artificial intelligence, pp. 1186-1192, Morgan Kaufmann Publishers, 1993 |
| DAN | B30 | Ekman, P. et al., "Facial Action Coding System", Consulting Psychologists Press, Palo Alto, CA, 1978 |
| DAN | B31 | Nakano, Mikio et al., "Understanding Unsegmented User Utterances in Real-Time Spoken Dialogue Systems", Proc. 37 th annual meeting of the Association for Computational Linguistics, pp. 200-207 |
| DAN | B32 | Dohsaka, K., et al., "A Computational Method of Incremental Utterance Production in Task Oriented Dialogues", Proc. Of 16 th Int. Conf. On Computational Linguistics, pp. 304-309, 1996 |
| DAN | B33 | Dohsaka, K. et al., "A System Architecture for Spoken Utterance Production in Collaborative Dialogue", Working Notes of IJCAI 1997 Workshop on Collaboration, Cooperation and Conflict in Dialogue Systems, 1977 |
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| DAN | B35 | Nakano M. et al., "DUG 1 – A Spoken Dialogue System with Flexible Turn-Taking" Proc of 5 th annual meeting of NLP, 161-164, 1999 |
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| DAN | B37 | Takebayashi, Yoichi, "Spontaneous Speech Dialogue TOSBURG II Towards the User-Centered Multi-Model Interface" IEICE trans. Vol. J77 D II No. 8, pp. 1417- 28, 1994 |
| DAN | B38 | Nukaga N. et al., "On the Control of Prosody Using Word and Sentence Prosody Database", 1998 Meeting of ASJ Society of Japan, pp. 227- 8, 1998 |
| DAN | B39 | "A Perspective in Automatic Telephone Interpretation" Advanced Telecommunication Research (ATR) Advanced Technical Series, Ohmsha, pp. 177-209, 1994 |
| DAN | B40 | Maeda, Noriyasu et al., "Voice Conversion With STRAIGHT", Tech. Report of IEICE, EA98 9, pp. 31-6, 1998 |
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| DAN | B43 | Hovy, E., "Automated Discourse Generation Using Discourse Structure Relations", Artificial Intelligence, 63, pp. 341-385, 1993 |
| DAN | B44 | Kupiec, Julian et al., "A Trainable Document Summarizer" In Proceedings of 14 th annual international ACM SIGIR conference on research and development in information retrieval pp. 68-73, 1995 |
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| DAN | B46 | Edmundson, H.P., "New Methods in Automatic Abstracting" ACM 16, pp. 264-285, 1969 |
| DAN | B47 | Nakazawa, M., "Text Summary Generation System From Spontaneous Speech", 1998 Meeting of ASJ 1 6 1, 1 2, 1998 |
| DAN | B48 | Warren, Richard, "Perceptual Restoration of Missing Speech Sounds", Science, Vol. 167, p. 392, 1970 |
| DAN | B49 | Warren, R.M. et al., "Speech Perception and Phonemic Restoration" Perception and Psychophysics, Vol. 9, p. 358, 1971 |
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| DAN | B58 | Edwards, G.J. et al., "Learning to Identify and Track Faces in Image Sequences", Proc. of FG 98.260 5, 1998 |
| DAN | B59 | Nagao, Katashi et al., "Ubiquitous Talker: Spoken Language Interaction with Real World Objects", Proc. 14 th IJCAI 95, pp. 1284-90, 1995 |
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| DAN | B71 | Hirose, Michitaka et al., "Study on the Olfactory Display" Proceedings, 75 th JSME General Conference, pp. 433-34, 1998 |
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| DAN | B74 | Poupyrev, Ivan et al., "Integrating Real and Virtual Worlds in Shared Space", Shared Space Project at SIGGRAPH99 |
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